Former Group Art Unit: 1648

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Patrice ANDRE; Vincent LOTTEAU; Glaucia

PARANHOS-BACCALA; Florence KOMURIAN-

PRADEL

Application No.: Rule 53(b) Former Examiner: S. Chen

Continuation of U.S. Application No. 10/031,439

Filed: February 12, 2004 Docket No.: 111737.01

For: METHOD FOR IN VITRO CULTURE OF VIRUSES OF THE TOGAVIRIDAE AND

FLAVIVIRIDAE FAMILIES AND USES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

2. The references were cited by or submitted to the Office in parent application No. 10/031,439, filed February 25, 2002, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

1 /1 / m 19/1

eotfully submitted

William P. Berridge Registration No. 30,02

10gistration 1 vo. 30,024

Melanie L. Mealy Registration No. 40,085

WPB:MLM/jam

Date: February 12, 2004 OLIFF & BERRIDGE, PLC P.O. Box 19928

Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Sheet	1	of	2	
-------	---	----	---	--

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111737.01		APPLICATION NO. Rule 53(b) Continuation of U.S. Application No.				
INFORMATION DISCLOSURE STATEMENT						10/031,439		
(Use several sheets if necessary)			APPLICANT(S) Patrice ANDRE; Vincent LOTTEAU; Glaucia PARANHOS-BACCALA; Florence KOMURIAN-PRADEL					
				FILING I				
		U.S.	PATE	ENT DOCU	MENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	I	DATE	NAME		CLASS	SUB CLASS
	1	5,679,342	10/21/1997		Houghton et al.			
	2	5,766,919	06/16/1998		Yoshikura et al.			
		FOREIC	SN PA	TENT DO	CUMENTS			
		DOCUMENT NUMBER	I	DATE	COUNTRY		CLASS	SUB CLASS
	3	JP A 10-194988 abstract only	07/2	8/1998	JAPAN			
	4	WO 94/25064	11/1	0/1994	WIPO			
		OTHER DOCUMENTS (Inc	cludin	g Author, T	Fitle, Date, Pertinent Pages, etc.)			
	5	MONAZAHIAN MASYAR ET AL: '	'Low	density lipo	protein receptor as a candidate rece	ptor for	hepatitis C v	rirus."
		JOURNAL OF MEDICAL VIROLOG	Y MA	ARCH, 199	9, vol. 57, no. 3, march 1999 (1999-	03), pag	ges 223-229	
	6	BUCCI CECILIA ET AL: "Free fatty acids modulate LDL receptor activity in BHK-21 cells." ATHEROSCLEROSIS						ROSIS
		APRIL, 1998, vol. 137, no. 2, april 1998 (1998-04), pages 329-340						
	7	KITA T ET AL: "ANTIBODY AGAINST LOW DENSITY LIPO PROTEIN RECEPTOR BLOCKS UPTAKE OF LOW						
		DENSITY LIPE PROTEIN BUT NOT HIGH DENSITY LIPO PROTEIN BY THE ADRENAL GLAND OF THE MOUSE IN-VIVO" JOURNAL OF BIOLOGICAL CHEMISTRY 1981, vol. 256, no. 10, 1981, pages 4701-4703,						
	8	EDWARDS E H ET AL: "CASTANOSPERMINE INHIBITS THE FUNCTION OF THE LOW-DENSITY						
		LIPOPROTEIN RECEPTOR" BIOCHEMISTRY 1989, vol. 28, no.19, 1989, pages 7679-7687,						
	9						n vitro."	
		JOURNAL OF GENERAL VIROLOGY 1997, vol. 78, no. 10, 1997, pages 2467-2476,						
	10 YEN FRANCIS T ET AL. "Identification of a lipolysis-stimulated receptor that is distinct from the LDL rec					LDL receptor	or and the	
		LDL receptor-related protein." BIOCHEMISTRY 1994, vol. 33, no. 5, 1994, pages 1172-1180,						
	11					density lipo	protein	
	1	receptor." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA OCT. 26, 1999, vol. 96, no. 22, 26 october 1999 (1999-10-26), pages 12766-12771						
	12	G. Barba et al, "Hepatitis C virus core protein shows a cytoplasmic localization and associates to cellular lipid storage droplets", Proc. Natl. Acad. Sci. USA, Vol. 94, pp. 1200-1205, February 1997, Cell Biology				ellular lipid s	torage	
	13	R. Ceppellini et al., "Binding of labelled influenza matrix peptide to HLA DR in living B lymphoid cells", NATURE, VOL 339 1 JUNE 1989 pp. 392-397					URE,	
	14	R. Bird et al., "Single-Chain Antigen-Binding Proteins", REPORTS, VOL. 242, 21 OCTOBER 1988						
	15	M. Hentze et al., "Oxidation-Reduction		the Molecul	lar Mechanism of a Regulatory RNA	-Protei	n Interaction	",
		REPORTS, VOL. 244, 21 APRIL 1989	J					

Date: February 12, 2004

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) continued
	16	R. Thomssen et al., "Density heterogeneities of hepatitis C virus in human sera due to the binding of β-lipoproteins and
		immunoglobulins", Med Microbiol Immunol (1993) 182:329-334
	17	P. Pileri et al., "Binding of Hepatitis C Virus to CD81", 30 OCTOBER 1998, VOL 282, SCIENCE
	18	T. Ito et al., "Cultivation of hepatitis C virus in primary hepatocyte culture from patients with chronic hepatitis C results in
		release of high titre infectious virus", Journal of General Virology (1996), 77, 1043-1054
	19	B. Bihain et al., "Free Fatty Acids Activate a High-Affinity Saturable Pathway for Degradation of Low-Density
		Lipoproteins in Fibroblasts from a Subject Homozygous for Familial Hypercholesterolemia", Biochemistry 1992, 4628-4636
	20	F. Yen et al., "Identification of a Lipolysis-Stimulated Receptor That Is Distinct from the LDL Receptor and the LDL
		Receptor-Related Protein", Biochemistry, 1994, 1172-1180
	21	J. Dixon et al., "Oleate Stimulates Secretion of Apolipoprotein B-containing Lipoproteins from Hep G2 Cells by Inhibiting
		Early Intracellular Degradation of Apolipoprotein B" The Journal of Biological Chemistry, Vol. 266, No. 8, March 15, 1991, pp. 5080-5086,
	22	F. Arakawa et al., "Cloning and Sequencing of the V _h and V _k Genes of an Anti-CD3 Monoclonal Antibody, and
		Construction of a Mouse/Human Chimeric Antibody", J. Biochem, 120, 657-662 (1996)
	23	K. Sato et al., "Association of Circulating Hepatitis G Virus with Lipoproteins for a Lack of Binding with Antibodies",
		Biochemical and Biophysical Research Communications, 229, 719-725 (1996) Article No. 1871
	24	S. Yajima et al., "SiC and Si₃N₄ sintered bodies with new borodiphenylsiloxane polymers as binder", Nature, Vol. 266
		7 April 1977, pp. 522-524
	25	B. Blazar et al., "Anti-CD3εF(ab') ₂ Fragments Inhibit T Cell Expansion in Vivo During Graft-Versus-Host Disease or the
		Primary Immune Response to Nominal Antigen ¹² .", The Journal of Immunology, 1997, 159: 5821-5833
	26	A. Roda et al., "Production of a High-Titer Antibody to Bile Acids", Journal of Steroid Biochemistry, Vol. 13, 1980
· · · · · · · · · · · · · · · · · · ·		pp. 449-454
	27	A. M. Prince et al., "Visualization of hepatitis C Virions and putative defective interfering particles isolated from
		low-density lipoproteins", Journal of Viral Hepatitis, 1996, 3, 11-17
	28	PHARMACEUTICAL SCIENCES, 1980, Mack Publishing Company, Easton, Pennsylvania 18042
	29	Association of hepatitis C virus in human sera with β-liopprotein", Med Microbiol Immunol (1992) 181: 293-300
	30	G. Kohler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature, Vol. 256,
· · · · · · · · · · · · · · · · · · ·		August 7, 1975
EXAMINER		DATE CONSIDERED
Examiner:	Initial if	citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in
	contorma	nce and not considered. Include copy of this form with next communication to applicant.